PATENT ABSTRACTS OF JAPAN

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(54) COLLATION DEVICE FOR CHARACTER STRING AND DATA BASE SYSTEM

(57)Abstract:
PROBLEM TO BE SOLVED: To flexibly set the retrieval conditions
of a data base.
SOLUTION: When a key word 'hypertension' at the time of retrieval
is inputted as a first character string, it is converted into a
synonym 'KOUKETSUATSU(hypertension)' by a thesaurus
dictionary 15. In the meantime, one key word 'blood pressure is
high' prepared on a data base side is extracted as a second
character string and an evaluated value for indicating the similarity
degree of the first character string 'KOUKETSUATSU' and the
second character string 'blood pressure is high' by a numerical
value is obtained in a similarity evaluation part 30. The evaluated
value is compared with a threshold value set in a threshold value
setting part 40 in a judgement part 50, and when the evaluated
value is more than the threshold value, the judged result that both
key words match is originated and data related to the key word
'blood pressure is high' are presented as retrieved results. The
evaluated value is obtained by performing weighting different
between KANJI (Chinese characters) and non-KANJI and counting
the number of characters in common.